

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008135**Date Inspected:** 16-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi Jiang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Utekar Shrikant was present during the times noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress

BAY#10

SMAW welding process of weld joint -12B located on PCMK SSD1-FE5A3-B/D. Welder is identified as 049225 ZPMC QC is identified as MAYUNG. The welding variables recorded by QC appeared to comply with the WPS-B-P-2211-B-U5b.

BAY#11

SMAW welding process of weld joint -3A located on PCMK WD-1-A467-28M-1. Welder is identified as 06457 ZPMC QC is identified as Yu zang pong. The welding variables recorded by QC appeared to comply with the WPS-B-T-3212-TC-P5b.

FCAW welding process of weld joint -10 located on PCMK WD-1-A21A/B. Welder is identified as 058792 ZPMC QC is identified as YIN GUOGI ANG. The welding variables recorded by QC appeared to comply with the WPS-B-T-2332-TC-P4-F

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Bay#3

FCAW welding process of weld joint -003 located on PCMK LDO22-004. Welder is identified as 066683 ZPMC QC is identified as Hang weng pang. The welding variables recorded by QC appeared to comply with the WPS-B-T-2132-3.

Unless otherwise noted, all work observed on this dated appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversation

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod 134-8257-0045, who represents the Office of Structural Materials for your project.

Inspected By:	Utekar,Shrikant	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
